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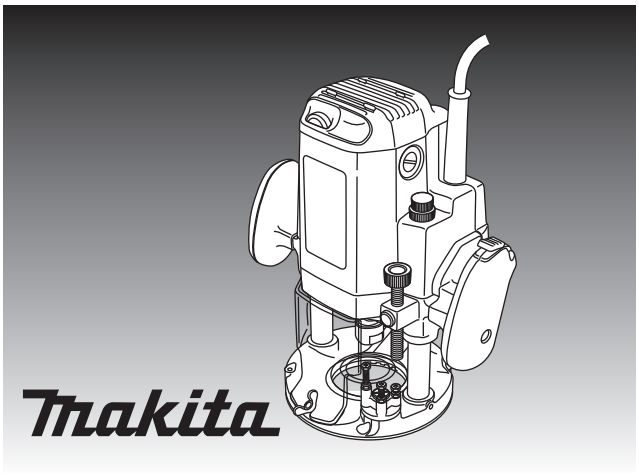
Router
Makita 3612C



BASIC SAFETY

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, DO NOT use this equipment, contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must not be operated by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

You MUST perform a risk assessment before using this equipment to ensure your safety and the safety of others.

This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.

Wear the correct Personal Protective Equipment for the task ahead.

Protect your eyes, wear safety goggles. Steel toecap boots must be worn. If appropriate, wear a hard hat.

This equipment produces noise levels above 85 dB(A), ear defenders must be worn.

Always wear a dust mask or suitable respiratory protective equipment.

Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment. Tie back long hair.

HAVS

Hand Arm vibration syndrome is a disease that can lead to permanent disability. This can be caused by prolonged use of any tool or powered equipment that vibrates during operation. For information on manufacturers vibration levels contact the hire company.

As a precaution, stop working if you experience discomfort or numbness when operating the equipment.

Inform everyone in the work area of what you are doing.

Routers must not be used with asbestos or similar hazardous material. The Router is designed for use on timber products and is not suitable for use on any other material.

GET FAMILIAR! You must understand how to switch this machine OFF quickly in case of an emergency.

This equipment weighs 6Kg.

WOOD DUST IS EXPLOSIVE

Wood dust is extremely dangerous and can ignite spontaneously. It is liable to explode if left stored in any type of container, including disposable plastic bin bags.

Never dispose of wood dust in a fire or incinerator, as it is liable to explode.

The safest way of disposal is to empty the dust in to general rubbish.

Do not lift or move the unit by its power supply cable.

Be careful when changing cutters as they are sharp.

Always switch OFF the machine and isolate it from the power supply before cleaning, making adjustments or when left unattended.

Ensure adequate ventilation when using this equipment.

Routers are not fitted with retractable guards to protect the user from the cutters. Always handle the Router with extreme caution.

Carefully inspect the equipment before use, if there is any doubt about its condition, DO NOT USE IT.

ELECTRICAL SAFETY

If you have hired a 230V model fitted with a 13A plug, it can be powered from a standard 230V 13A power supply.

If you have hired a 230V model fitted with a 16A plug, it can be powered from a 230V 16A mains powered socket or from a suitable generator.

Models fitted with a 110V 16A plug will require a 110V power supply, this should be taken from a suitable generator or from a transformer.

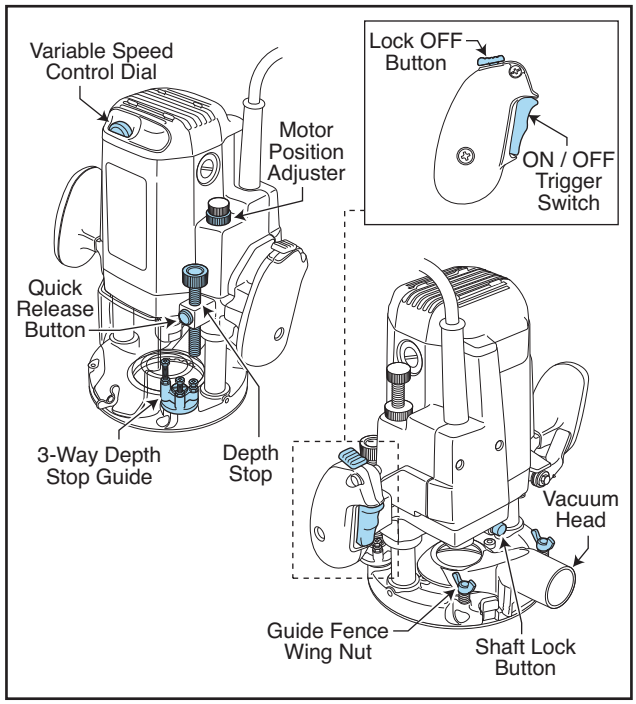
If the equipment fails, or if any part becomes damaged, return it. DO NOT repair it yourself.

Fully unwind and loosely coil all extension leads. Position them away from the equipment where they will be protected from water, sharp objects and where they will not pose a trip hazard.

For additional safety, always use an RCD or power the equipment from a mains circuit with a built in RCD.

Switch the machine and power socket OFF before plugging into the power supply.

PREPARATION



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Use the Router only on material that is free from nails, screws, grit, sand, bitumen and any other non timber product.

Select a work area which is well lit and offers good ventilation. If the item being worked on is portable, always place it on a suitable work bench and secure it in a vice or with clamps.

Make sure that the power supply is within easy reach of the work area to ensure that cables are not placed under strain.

Ensure adequate space around the work area for the operator to work safely.

Clear the floor area around the work at regular intervals to help safeguard against accidents.

If working at height, work from a suitable work platform, NOT a ladder or steps.

DUST CONTROL

You should use a dust collection system with this equipment, by connecting a dust extraction unit to the outlet.

MAKE SURE that the collection system is securely attached to the vacuum head.

CONTROLS

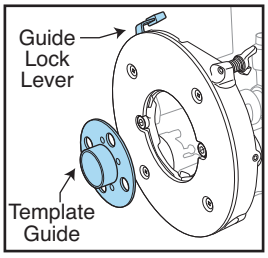
Dial No.	RPM
1	9,000
2	12,000
3	15,000
4	19,000
5	23,000

The Router is fitted with a trigger operated ON/OFF switch that has a lock OFF thumb button. The lock OFF button must be depressed before the trigger can be operated.

To switch the unit, OFF simply release the trigger.

The Router is also fitted with a variable speed control dial which should be pre-set prior to switching the unit ON. See the chart for dial position and RPM.

ATTACHMENTS

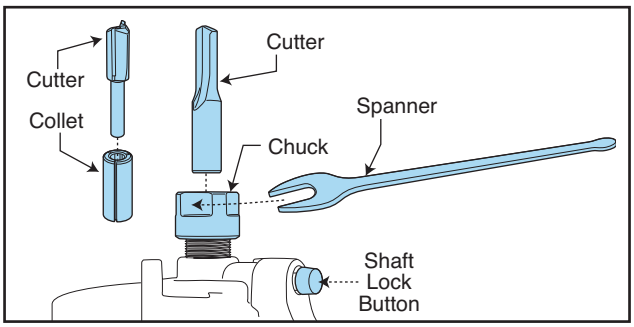


The Router is supplied with an adjustable side guide, which should be used when running a cut parallel to the material's edge.

To adjust the guide's position, loosen the two guide wing nuts and slide the guide in or out as required.

A template guide is also supplied. To fit the guide, move the guide lock lever out, insert the guide then release the lever to lock the guide in position.

FITTING A CUTTER



Caution; cutters are very sharp, always wear gloves to protect your fingers.

Switch the unit OFF and disconnect it from the power supply.

Depress and hold the shaft lock button then rotate the chuck until the shaft lock engages. Using the spanner supplied, loosen the collet nut by turning anticlockwise.

Remove any fitted cutter complete with reducer if used.

Insert the new cutter (complete with reducer if required) at least two thirds into the chuck, then tighten up the collet nut.

Once tightened, release the shaft lock button and turn the chuck to confirm that it has disengaged.

ADJUSTMENTS

Depending upon the task you wish to perform and the size of cutter being used, you can set the motor unit at a particular start height and limit it's depth of cut.

Ideally, after fitting the cutter, you should set the motor head height so that the tip of the cutter is just off the work surface when fully raised.

To do this, turn the motor position adjuster clockwise to lower and anticlockwise to raise. Make adjustment so that the tip of the cutter is 2mm away from the work surface.

If you have a specific depth of cut required, you can limit the depth the cutter can travel to. To set the depth adjust the depth stop bar so that when lowered to the depth required, the stop's end makes contact with the three way stop guide.

Turn the three-way stop guide so that the most suitable length 'stop' screw is used.

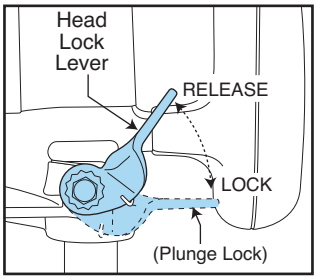
OPERATING THE UNIT

Make sure that you are wearing your PPE (personal protective equipment).

Check the whereabouts of all cables and make sure all are clear of the cut line. Check also that there is enough cable to allow the Router to travel the full length of the work without being restricted.

Switch ON the dust extraction unit if being used.

Place the Router's base plate on to the work without the cutter in contact. Hold the Router firmly with both hands then depress the lock OFF button and squeeze the ON/OFF switch to bring the motor up to speed.



Lower the cutter to the required depth and if making a long cut, depress the head lock lever to lock the head in position.

Move the Router slowly forward to begin cutting. DO NOT operate this machine 'one handed' and do not swap hands when the unit is running.

Do not exert pressure on the machine, let it work at its own pace. Take your time, rushing the work is both dangerous and can damage the machine, the cutter and the material.

As you come to the end of the work piece the Router may drop slightly and remove excess material. If this happens your work may be ruined so practice with a piece of spare timber until you are able to avoid the problem.

Move the Router progressively along the cut line. Always release the head lock lever and allow the motor head to rise fully at the end of the work piece

Release the ON/OFF trigger switch and wait for the motor to fully stop.

EQUIPMENT MAINTENANCE & CLEANING

Always replace the cutter once blunt.

When not being used, store the unit in a clean condition and in a safe place, away from thieves and unauthorised users.

FINALLY

When you have finished, switch the unit OFF and wait for the cutter to stop.

Disconnect the machine from the power supply then remove the cutter from the chuck.

Next, give the unit a thorough clean ready for return.

NOTE

Failure to clean the equipment thoroughly may make you liable to a cleaning charge.

Information on vibration levels, weights and sound levels in this guide were obtained from the manufacturer and correct at time of print. No liability will be accepted for any inaccuracies.